

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
22 January 2004 (22.01.2004)

PCT

(10) International Publication Number  
**WO 2004/008407 A1**

(51) International Patent Classification<sup>7</sup>: **G08B 17/12**

(21) International Application Number:  
PCT/IT2002/000464

(22) International Filing Date: 16 July 2002 (16.07.2002)

(25) Filing Language: English

(26) Publication Language: English

(71) Applicant (for all designated States except US): **GS  
GESTIONE SISTEMI S.R.L.** [IT/IT]; Via Latina, 276,  
I-00179 Roma (IT).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **BERTI, Umberto**  
[IT/IT]; Via degli Zingari, 60, I-00184 Roma (IT).

(74) Agents: **LEONE, Mario et al.**; Società Italiana Brevetti  
S.p.A., Piazza di Pietra, 39, I-00186 Roma (IT).

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.

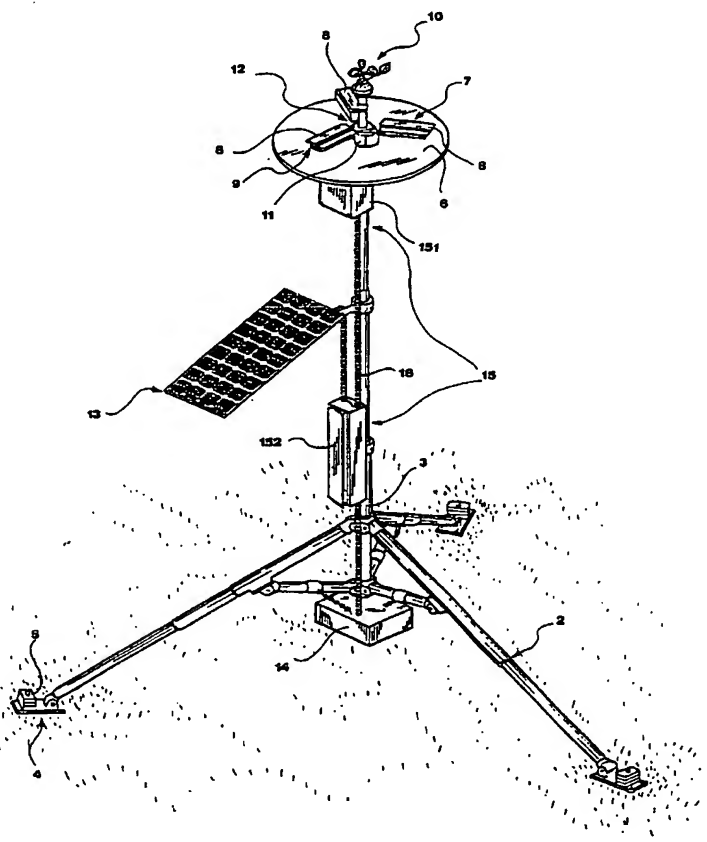
(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

[Continued on next page]

(54) Title: SYSTEM AND METHOD FOR TERRITORY THERMAL MONITORING



(57) **Abstract:** System (100) for the thermal monitoring of a territory, comprising a plurality of local devices (1) installed on the territory to be monitored and having means (7, 8, 9, 10) for acquiring environmental data able to detect the presence of a significant thermal variation in the surrounding area, a central control station (10), comprising means (102) for storing logistical-technical data and data about the available rescue means relating to the territory to be monitored, means (12) for transmitting/receiving data between the central control station (101) and the local devices (1), and means (103) 10 for the integrated processing of the environmental data acquired by the local devices (1) and of the data stored in the central control station (101), able to provide at their output a model of evolution of the event and a plan of intervention for the extinction thereof (Fig. 2).

**WO 2004/008407 A1**



---

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*